

Dr. BUCKLEY. Our concern is with the entire interaction of the pollutants and water insofar as it changes either one or the other one.

Mr. FULTON. Either artificially or naturally increased?

Dr. BUCKLEY. Either artificially or naturally increased, or even without change insofar as someone is trying to understand the dynamic processes that go on.

Mr. FULTON. I love you scientists when you come here to us and use words which I am sure you expect to be over our heads.

Do you know whether it is rich in dissolved nutrients but frequently shallow and in seasonal oxygen deficiencies in the hypolimnion?

Dr. BUCKLEY. No, sir.

On the other hand, I would think the seasonal oxygen deficiency in any of the stratified parts of the water may be of concern.

Mr. FULTON. When you are speaking of animals outside of men, you are speaking of both retromingent and nonmingent, I take it.

Dr. BUCKLEY. To be truthful, I do not know whether I am. Your Greek is better than mine.

Mr. FULTON. That is all.

Mr. DADDARIO. Mr. Fulton, I do not know if you heard Dr. Buckley. He did say he thought your Greek was better than his. All I can say, this has all become Greek to me.

Mr. FULTON. I enjoy these big words.

Mr. DADDARIO. Dr. Buckley, I hope you might sometime in the next few weeks go over the chart so there will be no question but that it is mathematically in order. Mr. Carpenter will be in touch with you so that it may be submitted for the record.

I would like to make an observation and ask a question. When we came to prophecies about this problem last year, we did feel that the present level of research, development, and demonstration funding in this whole area would most likely tend in the next several years to some \$300 million. This is the reason I asked you the question earlier. You are already to \$184 million plus. I wonder if it appears to you this is the direction in which it is going.

Dr. BUCKLEY. I have no doubt but what that is the direction in which it is going. At the same time there is this problem of what one counts in and what he does not. So I do not really want to get involved in numbers. I think the trends shown on here are really fairly good representations of the way things are and how close to the number you quote of \$300 million we are right now—this is the best estimate I can give you now.

Mr. DADDARIO. These are only estimates and they appear to be generally following the same direction.

Tomorrow this committee will have before it Dr. John Middleton, Director of the National Center for Air Pollution Control, Department of Health, Education, and Welfare, and Dr. Walter Hibbard, who is Director of the Bureau of Mines, Department of the Interior.

We want to thank you, Dr. Buckley, for your testimony and thank the members of the committee for having been here. We will adjourn until tomorrow morning at 10 o'clock at the same time and place.

Mr. FULTON. I would like to compliment Dr. Buckley too and hope when you come back again you will break these big words down a little for us. But I must say your perspicacity is equal to your perspicuity.